CLAIM SET

1. (Previously Presented) A method for controlling a device for recording or reproducing an optical recording medium having control information recorded in a wobbled form on a signal track, the method comprising the steps of:

(a) detecting a wobbled signal from a signal track for reading the control information, wherein said detecting step is carried out in a free running state in which only a focus servo is turned on; and

(b) performing tracking control using a tracking servo after the detection of the wobbled signal.

2. (Previously Presented) A method as claimed in claim 1, wherein the step (a) includes the steps of applying the detected wobbled signal to a phase locked loop (PLL), and reading the control information from the PLL.

3. (Original) A method as claimed in claim 1, wherein the control information is a spindle rotating speed.

4. (Previously Presented) A method as claimed in claim 1, wherein the step (a) includes identifying a plurality of sections of the optical recording medium, and

carrying out wobble PLL in a first section of the plurality of sections of the optical recording medium and inhibiting the wobble PLL in remaining sections of the plurality of sections.

5. (Previously Presented) A method as claimed in claim 1, wherein the step (a) includes

generating a window signal in the vicinity of a track center of the optical recording medium, and

identifying at least one window section of the recording medium,

wherein the wobble PLL is carried out in a window section having an active window signal.

6. (Previously Presented) A method as claimed in claim 5, wherein the step of generating a window signal includes the step of setting up a plurality of sections with reference to a rising edge and a falling edge of a Track Zero Crossing (TZC) signal turned on/off at a zero cross position of a tracking error signal as the window sections.

7. (Previously Presented) A method for controlling a device for recording or reproducing an optical recording medium having control information recorded in a wobbled form on a signal track, the method comprising the steps of:

(a) detecting a wobbled signal from a signal track for detecting the present rotating speed of the optical recording medium, wherein said detecting step is carried out in a free running state in which only a focus servo is turned on;

(b) fixing a target rotating speed of the optical recording medium with reference to the detected present rotating speed of the optical recording medium, and controlling the optical recording medium to the target rotating speed; and

(c) turning on a tracking servo for a regular recording or reproduction after the target rotating speed of the optical recording medium has been fixed with reference to the wobbled signal.

8. (Canceled)

9. (Previously Presented) A method as claimed in claim 7, further comprising:

subjecting a difference signal of optical reflection signals at the optical recording medium to band pass filtering to detect the wobbled signal.

10. (Original) A method as claimed in claim 7, wherein the step (a) includes the steps of applying PLL to the wobbled signal, and reading the present rotating speed of the optical recording medium from the wobbled signal having PLL applied thereto.

11. (Previously Presented) A method as claimed in claim 7, wherein the step (a) includes generating a window signal in the vicinity of a track center of the optical recording medium, and

identifying at least one window section in the recording medium wherein the application of PLL to the wobbled signal is conducted within a window section having an active window signal, and the application of PLL to the wobbled signal is inhibited in remaining sections.

12. (Previously Presented) A method as claimed in claim 11, wherein the step of generating a window signal includes the step of setting up certain sections with reference to a rising edge and a falling edge of a Track Zero Crossing (TZC) signal turned on/off at a zero cross position of the tracking error signal as the window sections.

13. (Previously Presented) A device for controlling a device for recording or reproducing an optical recording medium having control information recorded in a wobbled form on a signal track, the device comprising:

a tracking servo for performing tracking control on the optical recording medium;

a wobble detecting part for detecting a wobbled signal formed by wobbling from the signal track at a time when only a focus servo is turned on and the tracking servo is not operating;

an information reading part for reading control information from the detected wobbled signal; and

a servo controlling part for using the control information in a regular recording or reproduction.

14. (Previously Presented) A device as claimed in claim 13, wherein the wobble detecting part detects the wobbled signal by subjecting a difference signal of optical reflection signals at the optical recording medium to band pass filtering.

15. (Original) A device as claimed in claim 13, wherein, after application of the PLL to the detected wobble signal, the information reading

part reads the control information from the wobble signal having PLL applied thereto.

16. (Original) A device as claimed in claim 13, wherein the control information is a rotating speed of the optical recording medium.

17. (Previously Presented) A device as claimed in claim 13, wherein the optical recording medium has a plurality of sections and the information reading part conducts wobble PLL only to one section of the plurality of sections of the optical recording medium, and inhibits the wobble PLL in remaining sections of the plurality of sections.

18. (Original) A device as claimed in claim 13, wherein the information reading part includes a window generating part for generating a window signal in the vicinity of a track center of the optical recording medium, to carry out wobble PLL within a window section the window signal is active therein.

19. (Previously Presented) A device as claimed in claim 18, wherein the window generating part sets up certain sections with reference to a rising edge and a falling edge of a Track Zero Crossing (TZC) signal turned on/off at a zero cross position of the tracking error signal as the window sections.

20. (Original) A device as claimed in claim 13, wherein the servo controlling part controls a spindle to be at a target rotating speed, and turns on a tracking servo.